

U.S. DEPARTMENT OF AGRICULTURE  
FOOD SAFETY AND INSPECTION SERVICE  
INTERNATIONAL PROGRAMS

REVIEW DATE

NAME OF FOREIGN LABORATORY

8/13/2001

National Food Administration, Chemistry Division

## FOREIGN COUNTRY LABORATORY REVIEW

FOREIGN GOV'T AGENCY

CITY &amp; COUNTRY

ADDRESS OF LABORATORY

National Food Administration

Uppsala, Sweden

Box 622, S-751, 26 Uppsala

NAME OF REVIEWER

NAME OF FOREIGN OFFICIAL

Dr. Gary D. Bolstad

Dr. Bengt-Göran Österdahl

Residue Code/Name

Abc

Cap

Tet

OP

DES

Sulf

SAMPLING PROCEDURES

REVIEW ITEMS

ITEM #

EVALUATION CODE

Sample Handling

01

A

A

A

A

A

A

Sampling Frequency

02

A

A

A

A

C

A

Timely Analyses

03

A

A

A

C

C

A

Compositing Procedure

04

O

O

O

O

O

O

Interpret Comp Data

05

O

O

O

O

O

O

Data Reporting

06

A

A

A

A

A

A

ANALYTICAL PROCEDURES

Acceptable Method

07

A

A

A

A

A

A

Correct Tissue(s)

08

A

C

C

C

C

C

Equipment Operation

09

A

C

A

A

A

A

Instrument Printouts

10

A

C

A

A

A

A

QUALITY ASSURANCE PROCEDURES

Minimum Detection Levels

11

A

A

C

A

A

A

Recovery Frequency

12

A

A

A

A

A

A

Percent Recovery

13

A

A

A

A

A

A

Check Sample Frequency

14

A

C

A

C

A

A

All analyst w/Check Samples

15

A

A

A

A

A

A

Corrective Actions

16

C

C

C

C

C

C

International Check Samples

17

O

A

A

O

O

O

REVIEW PROCEDURES

Corrected Prior Deficiencies

18

O

O

O

O

O

O

OTHER REVIEW

19

20

SIGNATURE OF REVIEWER

*JD Bolstad*

DATE

8/13/2001

E-1b

<b>FOREIGN COUNTRY LABORATORY REVIEW</b> (Comment Sheet)		<b>REVIEW DATE</b> 8/13/2001	<b>NAME OF FOREIGN LABORATORY</b> National Food Administration, Chemistry Division
<b>FOREIGN GOV'T AGENCY</b> National Food Administration		<b>CITY &amp; COUNTRY</b> Uppsala, Sweden	<b>ADDRESS OF LABORATORY</b> Box 622, S-751, 26 Uppsala
<b>NAME OF REVIEWER</b> Dr. Gary D. Bolstad		<b>NAME OF FOREIGN OFFICIAL</b> Dr. Bengt-Göran Österdahl	

RESIDUE	ITEM	COMMENTS
DES	02	No field samples from swine had as yet been requested; they were scheduled for autumn. NOTE: 85 samples from beef were to be sampled for CY 2001; all had been received and analyzed.
DES,OP	03	Turnaround times for diethylstilbestrol were up to 6 weeks and for organophosphates up to two months. Turn-around times of one month are expected.
Various	08	The tissue matrix used for tetracyclines was kidney, for organophosphates muscle, for diethylstilbestrol urine, and for sulfonamides kidney and muscle.
Tet	11	Detection levels for tetracycline were: in muscle 10-100 ppb, and in kidney 150-250 ppb.
Cap,OP	14	Check samples were not performed for chloramphenicol unless a positive field sample screening test resulted in the need for a confirmation determination; consequently, no check samples had been run for chloramphenicol during the past several years. No check samples were being run for organophosphates because the lab "can't find a source of reference materials."
All	16	<p>No corrective actions reports were available for audit.</p> <p>The following information was missing in the official standards books for the preparation of stock solutions: lot numbers, expiration dates, and the co-signature of the supervisor of the technician preparing the stock solutions.</p>

AH. E-2a

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National Veterinary Institute

## FOREIGN COUNTRY LABORATORY REVIEW

FOREIGN GOV'T AGENCY

CITY &amp; COUNTRY

ADDRESS OF LABORATORY

National Food Administration

Uppsala, Sweden

SE-751-89

NAME OF REVIEWER

NAME OF FOREIGN OFFICIAL

Dr. Gary D. Bolstad

Dr. Ulf Bondesson

Residue Code/Name



HM

Bag

Sulf

Ivm

SAMPLING PROCEDURES

REVIEW ITEMS

ITEM #

EVALUATION CODE

Sample Handling

01

A

A

A

A

Sampling Frequency

02

C

A

A

A

Timely Analyses

03

A

A

A

A

Compositing Procedure

04

O

O

O

O

Interpret Comp Data

05

O

O

O

O

Data Reporting

06

A

A

A

A

ANALYTICAL PROCEDURES

Acceptable Method

07

A

A

A

A

Correct Tissue(s)

08

A

C

C

C

Equipment Operation

09

A

O

O

O

Instrument Printouts

10

A

O

O

O

QUALITY ASSURANCE PROCEDURES

Minimum Detection Levels

11

A

1ppb

A

2.5

Recovery Frequency

12

A

A

A

A

Percent Recovery

13

A

C

A

A

Check Sample Frequency

14

C

O

O

O

All analyst w/Check Samples

15

C

O

O

O

Corrective Actions

16

C

O

O

O

International Check Samples

17

A

O

O

O

REVIEW PROCEDURES

Corrected Prior Deficiencies

18

O

O

O

O

OTHER REVIEW

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***(Comment Sheet)***

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**8/13/2001**

NAME OF FOREIGN LABORATORY

## National Veterinary Institute

**FOREIGN GOV'T AGENCY**

## National Food Administration

CITY &amp; COUNTRY

**Uppsala, Sweden**

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**SE-751-89**

NAME OF REVIEWER

**Dr. Gary D. Bolstad**

NAME OF FOREIGN OFFICIAL

**Dr. Ulf Bondesson**

RESIDUE	ITEM	COMMENTS
HvyMet	02	No samples were being run for mercury or arsenic (Sweden had applied to FSIS for an exemption from the testing requirement for these elements and was awaiting reply). No field samples from swine had as yet been tested for heavy metals (only from chickens and reindeer). Samples from swine were scheduled for later in the year (11 samples from swine and beef in week 43, and another 31 in week 45).
Various	08	The tissue matrices for the following determinations were: for beta-agonists liver, for sulfonamides muscle, and for ivermectin liver.
Beta-Ag	13	Data on percent recoveries were not available for beta-agonists.
HvyMet	14-15	Spiked samples were provided by the National Food Administration, Chemistry Division for reference. No check samples were prepared by the laboratory supervisors to test the proficiency of the analysts.
HvyMet	16	If an analyst did not obtain the expected results, the analysis was run again by the same analyst on a sister sample, in lieu of a documented corrective action and a resulting report.